

What is claimed is:

1. A method of making a weldable attachment for a non-metallic fuel tank comprising:
 - (a) forming a body member of material non-weldable to the tank with a passage therethrough for flow in the passage upon attachment of the valve to the tank;
 - (b) forming an annular mounting member of material weldable to the tank;
 - (c) forming an annular adaptor member of material weldable to the body and chemically bonding said adaptor member to said mounting member; and,
 - (d) attaching said adaptor member to said body member by weldment.
2. The method defined in claim 1, wherein said step of attaching the annular adaptor includes spin welding.
3. The method defined in claim 1, wherein said step of forming an annular adaptor includes forming an adaptor of polyamide material.
4. The method defined in claim 1, wherein said step of forming an annular mounting includes forming the mounting member of material comprising a mixture in the range of about one-tenth to four percent (0.1 - 4%) by weight Maleic anhydride balance Polyethylene.
5. The method defined in claim 1, wherein said step of attaching includes forming an annular tapered surface on said body and a corresponding annular tapered surface on said adaptor.

6. The method defined in claim 1, wherein said step of chemically bonding includes overmolding.
7. The method defined in claim 6, wherein said step of chemically bonding includes two-shot molding.
8. The method defined in claim 1, wherein said step of forming a body comprises forming a body of unreinforced polyamide.
9. The method defined in claim 1, wherein said step of forming an annular adaptor comprises forming an adaptor of unreinforced polyamide.
10. The method defined in claim 1, wherein said step of forming a mounting member includes forming of material comprising a mixture in the range of about one-tenth to four percent (0.1 - 4%) by weight Maleic anhydride balance HDPE with a melt index of 7 to 10 per ASTM D-1238 using HLMI.
11. The method defined in claim 1, wherein said step of forming a mounting member includes forming material comprising a mixture in the range of about one-tenth to four percent (0.1 - 4%) by weight Maleic anhydride balance linear low density Polyethylene.
12. The method defined in claim 1, further comprising inserting said body in an access opening in the tank and welding said mounting member to the tank.

13. An assembly adapted for attachment to a non-metallic fuel tank comprising:
 - (a) a body member formed of material unweldable to the tank and defining a flow passage therethrough;
 - (b) a mounting ring formed of material weldable to the tank; and,
 - (c) an adaptor ring formed of material weldable to the body member, said adaptor ring chemically bonded to said mounting ring, wherein said adaptor ring is attached to said body member by weldment.
14. The assembly defined in claim 13, wherein said mounting ring is bonded by overmolding said adaptor ring.
15. The assembly defined in claim 13, wherein said mounting ring and said adaptor ring are bonded by two-shot molding.
16. The assembly defined in claim 13, wherein said body member and adaptor ring are formed of polyamide material and said mounting ring is formed of a material comprising a mixture in the range of about one-tenth to four percent (0.1 - 4%) by weight Maleic anhydride, balance HDPE.
17. The assembly defined in claim 13, wherein said body member is formed of unreinforced polyamide material.
18. The assembly defined in claim 13, wherein said adaptor ring is attached to said body by spin welding.
19. The assembly defined in claim 13, wherein said mounting ring is formed of material comprising a mixture in the range of about one-tenth to four percent (0.1 - 4%) Maleic anhydride balance HDPE with a melt index of 7 to 10 per ASTM D-1238 using HLMI.

20. The assembly defined in claim 13, wherein said mounting ring is formed of material comprising a mixture in the range of about one-tenth to four percent (0.1 - 4%) Maleic anhydride balance linear low density Polyethylene.

21. An assembly of a fuel tank and a flow-through attachment comprising:
 - (a) a body member formed of material unweldable to the tank and defining a flow passage therethrough;
 - (b) a mounting ring formed of material weldable to the tank;
 - (c) an adaptor ring formed of material weldable to the body member, said adaptor ring chemically bonded to said mounting ring, wherein said adaptor ring is attached to said body member by weldment; and,
 - (d) said tank has an access opening with said mounting attached thereover by weldment and said flow passage communicating through said access opening.